Atop ABLELink® Wireless Serial Server

SW2001/ SW5001
Quick Start Guide

Version 1.1
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Thank you for purchasing Atop SW2001/SW5001 Wireless Serial Server product. This document intends to provide customers with brief descriptions about the product and to assist customers to get started. For detail information and operations of the product, please refer to the product user's manual in the product CD or diskette.

1. Packaging

Please check your package contains the following items:

- Atop Wireless Serial Server x 1
- Mini DIN to DB-9 Cable x 1
- Wall mount kits x 2
- Atop Wireless Serial Server quick start guide x 1
- Product CD containing configuration utility x 1

2.Hardware Setup

Figure 1 shows the names of SW2001/SW5001 components. In the figure, the indicated switch settings represent factory settings.

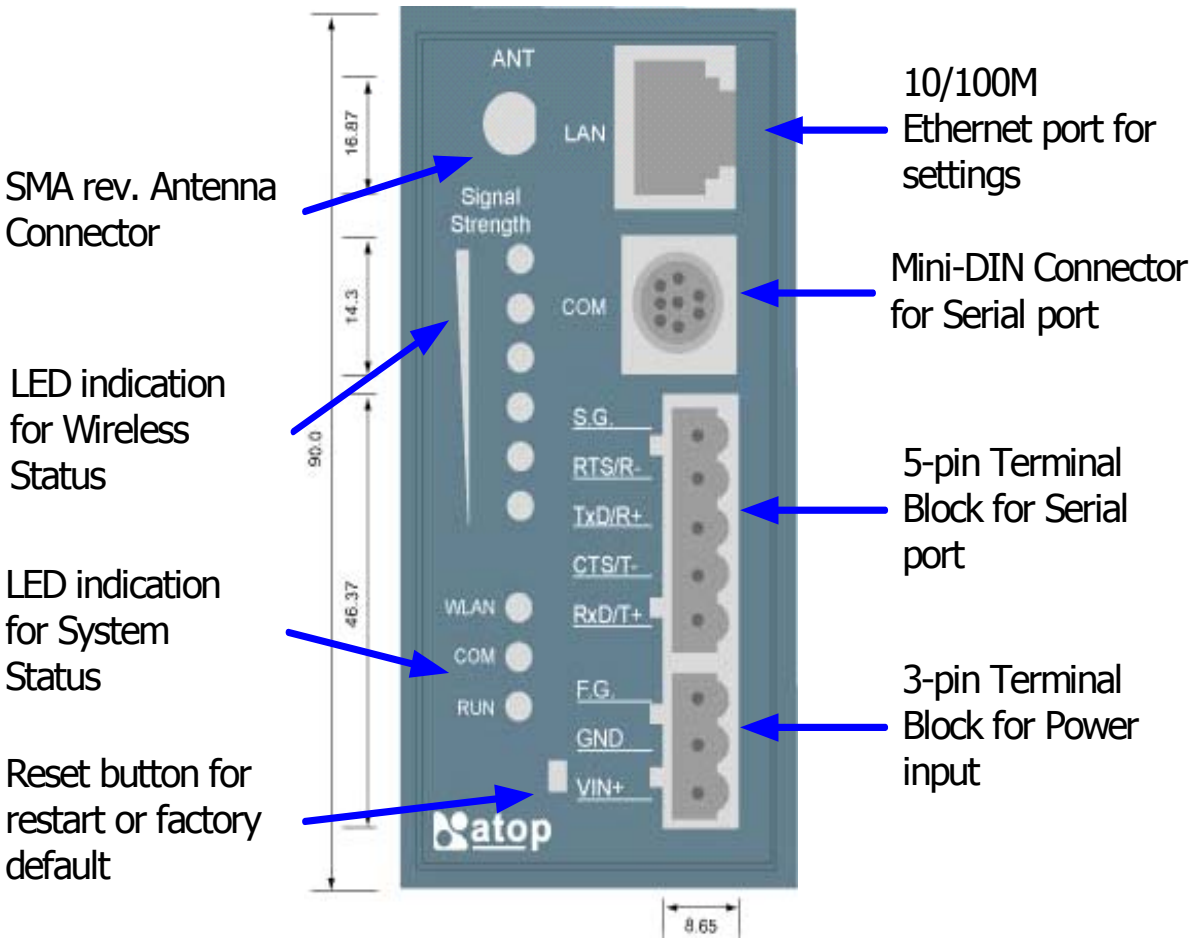

Figure 1. Nomenclature of SW2001/SW5001 Components
***Reset Button**: Press Reset button continuously over 3 sec to reload factory default

LED Indications: The LEDs were indicated for SW2001/5001's status

Name	Color	Status	Description
Signal Strength	Red(1)	ON	Its strength is poor, but the link is connected for the wireless link
	Yellow(2)	ON	Its strength is fair or good, the wireless link can supply a good transfer channel
	Green(2)	ON	Its strength is very good and the link is connected on best status
WLAN	Red	Off	Wireless Link is Broken or No data transmit or receive via wireless connectivity
		Blink	Wireless Traffic be indicted for data transfer
COM	Red	Off	No data transmit or receive via serial port
		Blink	Serial traffic be indicted for data transfer
RUN	Red	OFF/ON	System is not ready or halt
		Blink	System is running and LED is blink per 0.5 sec

Hardware installing procedure for initialization

Step 1: Pick the device up from the packaged box, connected Ethernet-link to LAN switch with standard UTP cable.
Step 2: Attached the power wire to the device for 9~24V DC, and confirm the power polarity carefully.
Step 3: Wait the device start up after 10~20 Seconds, and See the next section for software installing

UL Notice for Power supplier

All the series of EH products are intended to be supplied by a Listed Power Unit marked with "LPS", "Limited Power Source" or "Class 2" and output rate 9~30VDC, 0.5A minimum. Or, use the recommended power supply in "Optional Accessories.

3.Software Installing

Configure by monitor.exe utility

Use monitor.exe that comes with product CD or diskette to configure the network parameters of SW2001/SW5001. Please refer to Appendix D Configuration Utility in the product user manual for more details.
Step 1: Find new device and IP assignment
Step 2: User Monitor.exe for new device, get device's current IP from table list
Step 3: Re-assigned IP, network mask and gateway if need with Monitor.exe.
Step 4: Configurative wireless, serial and connectivity mode by web browser or telnet tool.

Auto IP with DHCP

A DHCP server automatically assigns the IP address and network settings. SW2001/5001 supports DHCP. It will supply for the unit with an IP address gateway address, and subnet mask. You may use Monitor.exe software to search network information automatically by putting a check on **Auto IP** on Dialog window.

Configure by web server

Step 1:Open web browser, type in the IP address of SW2001/SW5001 to be configured. Default user name is **admin** and default password is **null**.
Step 2:Configure settings from web page links then click "Save Configuration" to save settings.
Step 3:Click on "Restart" button to make the change effective

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Configure by Telnet utility

Step 1:Telnet to SW2001/SW5001 using command "**Telnet IP_address**". Default IP address is 10.0.50.100 and default password is null.

Step 2:SW2001/SW5001's network, COM ports and wireless settings can be configured individually.

Step 3:The connection status is shown from "**AP version**" column of monitoring tool (Monitor.exe)

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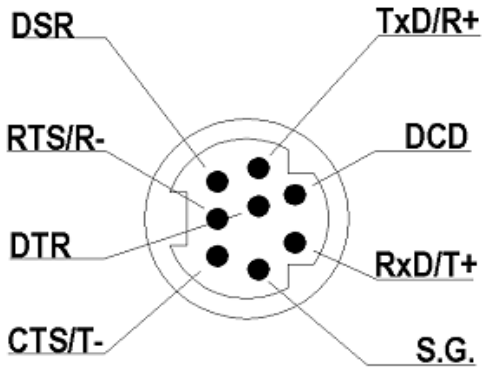
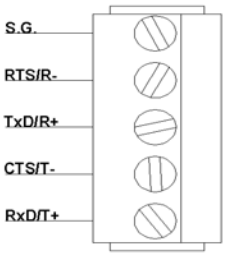
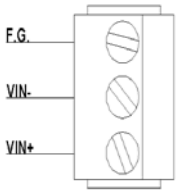
4. Pin assignments

Pin assignments of Mini DIN connector is shown in the following table:

Mini-DIN	**DB9**			
	**Pin#**	**RS-232**	**2 wire RS-485**	**4 wire RS-485**
	1	DCD		
	2	RXD		Tx+
	3	TXD	Data+	Rx+
	4	DTR		
	5	SG (Signal Ground)		
	6	DSR		
	7	RTS	Data-	Rx-
	8	CTS		Tx-

Pin assignments for Terminal block for Serial and Power

5-pin for serial connections		RS-232	RS-485	RS-422	**3-pin for Power input**		
	SG	GND	GND	GND		FG	GND
	RTS/R-	RTS	Data-	R-		Vin-	0V
	TxD/R+	TxD	Data-	R+		Vin+	9~30V
	CTS/T-	CTS		T-			
	RxD/T+	RxD		T+			

Customer Services and Supports

1. Contact your local dealers or ATOP Technical Support Center at the following numbers.
+886-3-550-8137 (ATOP Taiwan)
+86-21-6495-6232 (ATOP China)

2. Report the errors via Atop's Web site or E-mail account
www.atop.com.tw, service@atop.com.tw
www.atop.com.cn, service@atop.com.cn